

Mathematical Biosciences

an international journal

Volume 126

ABDUL-AZIZ YAKUBU (Washington, D.C.)	
The Effects of Planting and Harvesting on Endangered Species in Discrete Competitive Systems	1
RICHARD A. KILTIE, JIAN FAN, AND ANDREW F. LAINE (Gainesville, Florida)	
A Wavelet-Based Metric for Visual Texture Discrimination with Applications in Evolutionary Ecology	21
G. A. CHAUVET (Angers, France, and Los Angeles, California)	
On Associative Motor Learning by the Cerebellar Cortex: From Purkinje Unit to Network with Variational Learning Rules	41
WAI-YUAN TAN, SHO RONG LEE, AND SI CHIN TANG (Memphis, Tennessee)	
Characterization of HIV Infection and Seroconversion by a Stochastic Model of the HIV Epidemic	81
PETER R. JOHNSTON AND DAVID KILPATRICK (Hobart, Tasmania)	
The Inverse Problem of Electrocardiology: The Performance of Inversion Techniques as a Function of Patient Anatomy	125
PEI LI CHEN (Carbondale, Illinois), DAVID J. BRENNER (New York, New York), AND RAINER K. SACHS (Berkeley, California)	
Ionizing Radiation Damage to Cells: Effects of Cell Cycle Redistribution	147
RICHARD G. POSNER (Flagstaff, Arizona), CARLA WOFSY (Albuquerque, New Mexico), AND BYRON GOLDSTEIN (Los Alamos, New Mexico)	
The Kinetics of Bivalent Ligand-Bivalent Receptor Aggregation: Ring Formation and the Breakdown of the Equivalent Site Approximation	171
M. G. ROBERTS (Upper Hutt, New Zealand) AND A. P. DOBSON (Princeton, New Jersey)	
The Population Dynamics of Communities of Parasitic Helminths	191
JAMES H. MATIS, QI ZHENG, AND THOMAS R. KIFFE (College Station, Texas)	
Describing the Spread of Biological Populations Using Stochastic Compartmental Models with Births	215
VOLUME CONTENTS	

